

Table 6-9: Net Annual CO<sub>2</sub> Flux from U.S. Agricultural Soils Based on Monte Carlo Simulation (Tg CO<sub>2</sub> Eq.)

<b>Soil Type</b>	<b>1990-1992</b>	<b>1993-2001</b>
<b>Mineral Soils</b>		
Estimate*	(35.8)	(35.4)
Uncertainties	(13.9) to (58.7)	(20.9) to (50.3)
<b>Organic Soils</b>		
Estimate	34.3	34.8
Uncertainties	23.1 to 48.4	23.5 to 49.1
<b>Total</b>		
Estimate	(1.5)	(0.7)
Uncertainties	24.2 to (27.2)	19.5 to (19.5)

Note: Parentheses indicate net sequestration. Shaded areas indicate values based on a combination of historical data and projections. All other values are based on historical data only. The uncertainties are based on the Monte Carlo analysis. The range is a 95 percent confidence interval, based on the simulated values at the 2.5 and 97.5 percentiles in the final distribution of 50,000 estimates.

\* Does not include the change in carbon storage resulting from the annual application of manure and sewage sludge, or the change in Conservation Reserve Program enrollment after 1997.